Work Orde					Page 1					
Item ID: Revision ID: Item Name: Start Date: Required Date: Reference:	D2221-1 Rib 9/17/12 10/12/12	Start Qty: 4.00 Req'd Qty: 4.00) * <u>/</u> * *4*	Accept	*N900 Cust Item I Customer:		100°		Setup Star	*NS2*
Approvals:	Process Pla	in: <u>MLJ</u>	Date: 12-09-14	Tooling:	Da	nte:		ŀ	Run Star	
	QC:	·	Date:	SPC (Y/N):	Da	ite:			Stop	° *NR2*
Sequence ID/ Work Center II	D ;	Operation Description	•	Set Up/ Run Hours	Tool ID	Tool#		Accept Qty	Reject Qty	Reject Insp. Number Stamp
Draw Nbr	Rev	ision Nbr								
D2221	Rev	, H		•						
*1 \\ \tage Fab Large Fab			or dwg D2221 and remove identification mar	0.00 0.00 kings on tube				6	SA	0 13-04-1
110	i	QC6- Inspect dimension	s to drawing	0.00		*				• • • • • • • • • • • • • • • • • • • •
110 QC Quality Control		Memo		0.00		, •	. • –	(13.0	4.0 / Pg 9.89
120 *120* Packaging	•	Identify as per dwg & St	ock Location:	0.00	in S		• · · · · · · · · · · · · · · · · · · ·	6	SY	13.04.10

0.00

Memo

120 Packaging

Packaging

											DQA:	Date:	
NCR:	Yes /	No				WORK ORDER NON-C	O	VFOR	MANCE / UPE	DATE			
		,									QA Closed:	Date:	
						DISPOSITION			EPARTMENT/PROCESS				
Work Ord	er:					Rework		Skid-tube	Crosstube	1	Water Jet	Engineering	
Part i	Nο					Scrap	1		Machining	Small Fab	Pro	d. Eng. Coor.	Quality
T dit	.					Use-as-is	1		noforming	Finishing	_	re/Packaging	Other
NCR I	No.					Work Order Update	1		Large Fab	Composite		Supplier	
Root					1	ption of work order update	1	Initial	Act		Sign &		
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Descr	iption	Date	Verification	QC Inspector
Doc/Data							1						
Equip/Tooling	Ш												
Operator	Ш												
Material	Ш			1								ļ	
Setup	Ш												
Other					1								
Process	Ш												
Supplier	Н												
Training	Н						1						
Unapproved	L .L .			<u> </u>		Ε.	<u> </u>	T CATE	GORY		<u> </u>	<u> </u>	1
Landi	ng Gea	r				General	701	-I CAIL	GONT				
Land		nding				Bend	Г	Grain			Ovalized		Pressure/Forced
,	\mathbf{H}	•	t Concer	ntric to		BOM/Route		Hardwa	ire	<u> </u>	Over/Under	tolerance	Temperature/Cure
	اجتيط	acks	A COINCE		~,~ -	Broken/Damaged		-	ion Incomplete		Part Incorre		Weld
	_		Crimped.			Burrs		4	ions Incomplete/U	Jnclear –	Part Lost/M	<u> </u>	Wrong Stock Pulled
		ffs	pcu ,		 	Contamination		Mainte			Part Moved	_	
				Countersink		Mislabe			Positioned '	Wrong			

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Power Loss/Surge

Other

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish Folio

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Work Orde September-13-1.				*901					Page 2			
Item ID: Revision ID: Item Name:	D2221-1			Accept	*N900) *	Setup	Start Stop	ıv.	S1* S2*		
Start Date: Required Date:	9/17/12 10/12/12	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item II Customer:) :						
Approvals: Process Plan:QC:		Date:	Tooling: SPC (Y/N):	Date:			3	Run			R1* R2*	
Sequence ID/ Work Center II	D	Operation Description QC21- Final Inspection	- Work Order Release	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp

0.00

Memo

130

Quality Control

M13-04-10

										DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-C	CONF	ORN	NANCE / UPDATE				
	<u>. </u>								· · · · · · · · · · · · · · · · · · ·	QA Closed:	Date	·
Work Orde	ır.				DISPOSITION AGAINST DEPARTMENT/PRO						/PROCESS	
WOIR Olde	· · ·				Rework	1		Skid-tube Cro	osstube		Water Jet	Engineering
Part N	lo.				Scrap			—	nall Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is	T	herm	oforming Fi	inishing	Rec/Stor	re/Packaging	Other
NCR N	lo				Work Order Update			Large Fab Con	mposite		Supplier	
Root		_		Descri	ption of work order update	Initi	al	Action		Sign &		
Cause	Date	Step	Qty	C	or Non-conformance	Chief	Eng	Description	n	Date	Verification	QC Inspector
Doc/Data							ŀ					
Equip/Tooling		}										
Operator	_						l					
Material		l					ĺ					
Setup							1					
Other		Ì					ł					
Process												
Supplier	_											
Training							İ				·	
Unapproved						i						
					F	AULT C	ATEC	GORY				
Landin	ng Gear				General				·			· ·
Ļ	Bending				Bend	Gra			⊢	Ovalized	_	Pressure/Forced
	Centre No	ot Concer	ntric to (D/S	BOM/Route	⊢	rdwai		⊢ ⊣	Over/Under	 	Temperature/Cure
	Cracks				Broken/Damaged			on Incomplete	——	Part Incorre	-	Weld
,	Crushed/	Crimped.			Burrs	Inst	tructi	ons Incomplete/Unclea	ır	Part Lost/Mi	issing	Wrong Stock Pulled
	Cuffs				Contamination	\vdash		nance		Part Moved		
. [Heat Trea	it			Countersink	Mis	slabel	led		Positioned V	–	 1
	Inspection	n Strip in	Tube		Cut Too Short	Mis	sread			Power Loss/	Surge	Other
	Ripples in	Bend			Drill Holes	Off	fset					•

Out of Calibration

Outside Dimensions

Out of Sequence

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

Folio

September-13-12 1:36:42 PM

Work Order ID:

90106

Parent Item:

D2221-1

Parent Item Name:

Rib

Start Date: 9/17/12

Required Date: 10/12/12

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A New Issue 08-12-02 DD verified by:EC

DD verified by EC

IPP Rev:B 11.01.13 chg qc5 to 6

	DD verified by Lee	′											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.065 304 SQ Tube .75x.75x.06	5W	Purchased	No		•	100	f	1,362.9860	8 ————————————————————————————————————	33.684211	13=	04-	-(0
				Location		Loc Qty	<u>Lo</u>	c Code		. ,			
				MAT		321.986							ì
				111	2398	0							
				12:	2051	321.986							1
				MAT017		1000							
				12:	2468	1000							
				MAT018		41							1
				76	36	41		117606	× 50	5263			

NCR: Y	·											
										QA Closed:	Date	2:
Work Orde	r:				DISPOSITION Rework			Skid tubo	AGAINST DE	PARTMENT,	′PROCESS Water Jet	Engineering
Part No.					Scrap Use-as-is	Machining Small Fa			Small Fab Finishing		d. Eng. Coor. re/Packaging	Quality Other
NCR No.					Work Order Update			Large Fab	Composite	Supplier		
Root				Descri	ption of work order update	Init	ial	Act	ion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Descr	iption	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup	_											
Other												
Process	_		·									
Supplier												
Training												
Unapproved		<u> </u>										
Landin	ng Gear			_	General					1	_	_
]	Bending					☐ Gr	rain			1	L	-
	Centre No	ot Concer	ntric to (o/s	BOM/Route	Ha	ardwa	re		Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	Ins	specti	on Incomplete		Part Incorre	ct _	Weld
• [Crushed/	Crimped.			Burrs	Ins	struct	ions Incomplete/L	Jnclear	Part Lost/Mi	ssing	Wrong Stock Pulled
[Cuffs				Contamination	Шм	ainte	enance	<u> </u>	Part Moved		
. [Heat Trea	it			Countersink	<u></u> Мі	islabe	eled		Positioned V	Vrong _	_
	Inspection	n Strip in	Tube	:	Cut Too Short	Шмі	isreac	t d		Power Loss/	Surge	Other
	Ripples in	Bend			Drill Holes	Of	fset					
	Torque Waves in Extrusion				Drawing	Ou	ut of C					

Out of Sequence
Outside Dimensions

DQA:

Date: ___

Turning Sequence

Wave/Twist in Tube

Finish

Folio

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х 2 3 2 10 SHOP COPY **RETURN TO** ENGINEERING UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER ML 5
NO. 90106 ML 5
12-09-14
REFURNITE **D2221 BASKET BASE ASSEMBLY (AS350)** (MESH SHOWN LOCALLY FOR CLARITY)

ITEM QTY P/N DESCRIPTION D2221 BASKET BASE ASSEMBLY (AS350) D2221-1 D2221-5 RIB D2221-7 RIB D2232-3 BASKET HINGE D2235-1 RIB D2581 MOUNTING BRACKET D3442-1 SHIM D3825-041 RIB ASSY (BASKET END) D3826-041 RIB/GUSSET ASSY D3827-041 RIB ASSY (INBOARD) D3833-1 MESH, BASE END FACE D3832-1 MESH (BASE)

н	REVISED PARTS LIST AND ADDED 'ITEM' COLLUMN TO PARTS LIST (ZN D3-1); REVISED BETCIONS A.A. BA BAND C-C (ZN C6-3, C2-3 AND A6-3); REVISED DETAIL D (ZN B7-4); ADDED DETAIL E (ZN A6-4); ADDED DESCTION FF-(ZN B2-4); ADDED DWG DETAILS FOR D2221-1/5/-7 (ZN E2-4); TOL REVISED TO 2 DEC PLACES (ZN D8-3 AND ZN B4-3); D3825-041 REPLACES D2221-3/D2327-3; D3826-041 REPLACES D2221-3/D2327-3; D3826-041 REPLACES D2221-3/D2327-3; D3826-D2221-1 ON INBOARD SIDE: ADDED D3832-1 AND D3833-1. REASON: SATISFY 'LEAR MANUFACTURING' PROGRAM.	MB	08.09.18
G	MATERIAL FOR -1, -3, -5, 8, -7, WAS 0,050 WALL: TOLERANCE FOR 95.0 DIM WAS, -1, 001 AND 55.00 DIM WAS REF (ZN B5-2), 19,52 DIM WAS, "HARD" DIMENSION WAS, "CN B4-2); NOTE 5 TRANSFERED FROM SH 1 TO SHT 2; SHT 2 MESH MATERIAL UPDATED; DRAWING TRANSFERED TO "B" FORMAT	AJS	08.06.16
F	ADD SHIM UNDER HINGE; ADD HOLES FOR SPLIT LID BASKET	PH	05.06.07
Ε	CHANGE HINGE	CP	01.04.19
D	CHANGE LATCH	вw	96.06.21
С	SEPARATE BASKET AND LID	КН	95.11.21
REV.	DESCRIPTION	BY	DATE
DESIGN	DART AEROSP	ACE L	TD

DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. H D2221 MFG. APPR. SHEET 1 OF 5 TITLE APPROVED BASKET BASE ASSEMBLY (350) NTS DE APPR. DATE COPYRIGHT © 1994 BY DART AEROSPACE LTD

IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDI
EDFOR ANY PURPOSE OR COPYS OR COMMAND ATED TO AIM OTHER PERSONS. 08.09.18

1) MATERIAL: NIA 2) FINISH: POWDER COAT GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED 4) UNITS: INCHES UNLESS OTHERWISE NOTED 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

8) WEIGHT: 42.00 lbs APPROX

9) MASK ALL HOLES PRIOR TO POWDER COATING









